

SECRETINFORMATION  
January 16, 1971~~has been~~

MEMORANDUM FOR MR. KISSINGER

FROM Helmut Sonnenfeldt

SUBJECT: The USSR and Integrated Circuits

[redacted] a piece on additional evidence that the Soviets lag considerably in the production of integrated circuits. A leading Soviet geophysicist responsible for producing proton magnetometers for Soviet satellites commented at a recent exhibition in Moscow that Soviet integrated circuit production is just getting started as an industry, and as yet the Soviets have been unable to incorporate this feature into their geophysical equipment. The Soviets were so impressed with the US equipment on display at the exhibition that they photographed all internal details, and even stole a \$700 integrated circuit card.

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This additional evidence supports the opinion that the Soviets have not solved their production problems, and are not near an off-the-shelf capacity for integrated circuits. This has relevance to the French request in COCOM to export integrated circuit production technology to Poland. The French have apparently argued that this technology could be kept within Poland, and not transferred to the USSR by one way or another. The Defense experts doubt that this technology can be contained from the Soviets.

State Dept. review completed

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